

DEPARTMENT OF TRANSPORTATION

ES-OE MS #43
1727 30TH Street, 2ND Floor
Sacramento, CA 95816



April 13, 2001

11-SD-78-54.1/54.7
11-169544

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for construction on State highway IN SAN DIEGO COUNTY NEAR RAMONA FROM 0.3 km WEST TO 0.3 km EAST OF HAVERFORD ROAD.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on April 19, 2001. The original bid opening date was previously postponed indefinitely under Addendum No. 1 dated March 30, 2001.

This addendum is being issued to set a new bid opening date as shown herein, and revise the Project Plans, the Notice to Contractors and Special Provisions, and the Proposal and Contract.

Project Plan Sheets 2, 3, 4, 5, 11, 12, and 27 are revised. A half-sized copy of the revised sheets are attached for substitution for the like-numbered sheets.

In the Special Provisions, in the "NOTICE TO CONTRACTORS", the fourteenth paragraph is revised to read as follows:

"Cross sections for this project are available at the office of the District Director of Transportation of the district in which the work is situated."

In the Special Provisions, Section 8-1.04, "SLAG AGGREGATE", the first paragraph is revised to read as follows:

"Aggregate produced from slag resulting from a steel-making process shall not be used for a highway construction project except for the following items:

- A. Imported Borrow
- B. Class 2 Aggregate Base
- C. Asphalt Concrete."

In the Special Provisions, Section 8-1.04, "SLAG AGGREGATE", the following paragraph is added after the fifth paragraph:

"Steel slag used for imported borrow shall be weathered for at least three months. Prior to the use of steel slag as imported borrow, the supplier shall furnish a Certificate of Compliance in conformance with the provisions in Section 6-1.07, "Certificates of Compliance", of the Standard Specifications. The Certificate of Compliance shall state that the steel slag has been weathered for at least three months."

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In the Special Provisions, Section 8-1.04, "SLAG AGGREGATE", the following paragraph is added after the tenth paragraph:

"When slag aggregate is used for imported borrow, a layer of not less than 1000 mm of topsoil, measured after compaction, shall be placed over the slag aggregate in areas where highway planting is to be performed. In other areas, slag aggregate used for embankment construction shall not be placed within 0.46 m of finished slope lines, measured normal to the plane of the slope. Full compensation for furnishing and placing topsoil and cover, as provided herein, shall be considered as included in the contract price paid per cubic meter for imported borrow and no additional compensation will be allowed therefor."

In the Special Provisions, Section 8-1.04, "SLAG AGGREGATE", the eleventh paragraph is deleted.

In the Special Provisions, Section 10-1.26, "EARTHWORK", is replaced as attached.

In the Proposal and Contract, the Engineer's Estimate Items 17, 21, 34, and 36 are revised, Items 64 and 65 are added and Item 63 is deleted as attached.

To Proposal and Contract book holders:

Replace pages 3, 4 and 6 of the Engineer's Estimate in the Proposal with the attached revised pages 3, 4 and 6 of the Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This office is sending this addendum by UPS overnight mail to Proposal and Contract book holders to ensure that each receives it.

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

REBECCA D. HARNAGEL, Chief
Plans, Specifications & Estimates Branch
Office of Office Engineer

Attachments

10-1.26 EARTHWORK

Earthwork shall conform to the provisions in Section 19, "Earthwork," of the Standard Specifications and these special provisions.

Surplus excavated material shall become the property of the Contractor and shall be disposed of outside the highway right of way in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications.

Imported borrow will be measured and paid for by the cubic meter and the quantity to be paid for will be computed in the following manner:

- A. The total quantity of embankment will be computed in conformance with the provisions for roadway excavation in Section 19-2.08, "Measurement," of the Standard Specifications, on the basis of the planned or authorized cross section for embankments as shown on the plans and the measured ground surface.
- B. The Contractor, at the Contractor's option, may compact the ground surface on which embankment is to be constructed before placing any embankment thereon. If the compaction results in an average subsidence exceeding 75 mm, the ground surface will be measured after completion of the compaction. The Engineer shall be allowed the time necessary to complete the measurement of an area before placement of embankment is started in that area.
- C. The quantities of roadway excavation, structure excavation and ditch excavation, which have been used in the embankment, will be adjusted by multiplying by a grading factor to be determined in the field by the Engineer. No further adjustment will be made in the event that the grading factor determined by the Engineer does not equal the actual grading factor.
- D. The quantity of imported borrow to be paid for will be that quantity remaining after deducting the adjusted quantities of excavation from the total embankment quantity and then adding a quantity of 20 cubic meters for the anticipated effect of subsidence. No adjustment will be made in the event that the anticipated subsidence does not equal the actual subsidence.
- E. The Contractor may propose a plan whereby the Contractor would be paid on the basis of measured settlement in lieu of the allowance specified above. The proposal shall include complete details of the subsidence-measuring devices and a detailed plan of each installation. If the proposed plan is approved by the Engineer, the Contractor, at the Contractor's expense, shall provide, install and maintain the subsidence-measuring devices. The Engineer will take necessary readings to determine the progress of subsidence, if any, and the Contractor shall provide necessary assistance to make the readings.
- F. Installed devices which are determined by the Engineer to have been damaged will not be used for the determination of subsidence for the area the devices represent in the pattern of approved installations. The subsidence of the area represented by that installation shall be considered zero, regardless of the subsidence measured at other installations.
- G. The volumes required as a result of subsidence will be computed by the average-end-area method from the original measurements and the final measurements, including zero subsidence at all points and for all areas as provided herein. It shall be understood and agreed that the subsidence at the point of intersection of the side slopes (and end slopes at structures) with the ground line as established by the original cross sections shall be considered as zero. Unless otherwise agreed to by the Engineer, the subsidence shall be considered as zero at the points on the cross sections 15 m beyond the beginning and ending of the instrumented area. The computed volumes for such subsidence will be added to the quantities of embankment measured as specified herein.
- H. Detachable elements of the subsidence-measuring devices which can be salvaged without damage to the work shall remain the property of the Contractor and shall be removed from the highway right of way after final measurements are made.

ENGINEER'S ESTIMATE
11-169544

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	074028	TEMPORARY FIBER ROLL	M	310		
2	074029	TEMPORARY SILT FENCE	M	360		
3	020823	TEMPORARY CONCRETE WASHOUT	EA	3		
4	020824	TEMPORARY CONSTRUCTION ENTRANCE	EA	3		
5	020825	TEMPORARY GRAVEL BAGS	EA	58		
6	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
7	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
8	120151	TEMPORARY TRAFFIC STRIPE (TAPE)	M	530		
9	120165	CHANNELIZER (SURFACE MOUNTED)	EA	140		
10	150206	ABANDON CULVERT	EA	3		
11	150606	REMOVE FENCE (TYPE BW)	M	310		
12	150742	REMOVE ROADSIDE SIGN	EA	3		
13	151224	REMOVE DELINEATOR	EA	15		
14	152370	RELOCATE MAILBOX	EA	2		
15	152390	RELOCATE ROADSIDE SIGN	EA	3		
16	152410	RELOCATE WATER METER	EA	1		
17 (S)	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	M2	270		
18	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
19	160120	REMOVE TREE	EA	14		
20	170101	DEVELOP WATER SUPPLY	LS	LUMP SUM	LUMP SUM	

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Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	190101	ROADWAY EXCAVATION	M3	1700		
22	194001	DITCH EXCAVATION	M3	300		
23 (S)	200001	HIGHWAY PLANTING	LS	LUMP SUM	LUMP SUM	
24 (S)	200101	IMPORTED TOPSOIL	M3	590		
25 (S)	203003	STRAW (EROSION CONTROL)	TONN	3.5		
26 (S)	203014	FIBER (EROSION CONTROL)	KG	1520		
27 (S)	203024	COMPOST (EROSION CONTROL)	KG	1620		
28 (S)	203045	PURE LIVE SEED (EROSION CONTROL)	KG	30		
29 (S)	203056	COMMERCIAL FERTILIZER (EROSION CONTROL)	KG	25		
30 (S)	203061	STABILIZING EMULSION (EROSION CONTROL)	KG	150		
31 (S)	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
32 (S)	208000	IRRIGATION SYSTEM	LS	LUMP SUM	LUMP SUM	
33 (S)	208304	WATER METER	EA	1		
34	260201	CLASS 2 AGGREGATE BASE	M3	1970		
35	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	TONN	0.6		
36	390155	ASPHALT CONCRETE (TYPE A)	TONN	2490		
37	394001	PLACE ASPHALT CONCRETE DIKE	M	460		
38	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	M2	2.3		
39	397001	ASPHALTIC EMULSION (PAINT BINDER)	TONN	1.9		
40	510137	CLASS 2 CONCRETE (JUNCTION BOX)	M3	2		

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Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61 (S)	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	180		
62 (S)	860401	LIGHTING	LS	LUMP SUM	LUMP SUM	
63	BLANK					
64	198001	IMPORTED BORROW	M3	272		
65	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID: _____